

SUMMARIES									
Result No.	Score	Match length	DB ID	Description					
1	469.8	21.0	807	13	BT764263				
2	456.6	20.5	469	10	AV715904				
C 3	442.8	19.8	457	9	AA694175				
C 4	421.4	18.9	563	9	AA034153				
C 5	394.8	17.7	398	9	AA807940				
C 6	377.5	17.5	407	14	BD002784				
C 7	360	16.1	467	14	H58254				
C 8	357.6	16.0	487	10	BE656336				
C 9	346.8	15.5	480	10	AW657336				
C 10	326.2	14.6	542	9	AA547303				
C 11	302	13.5	410	14	H58584				
C 12	296.4	13.3	480	10	AW657336				
C 13	293.4	13.1	422	14	H58597				
C 14	292.6	13.1	447	9	AA671573				
C 15	289	12.9	1074	14	BM917063				
C 16	268.2	12.0	289	9	AA034154				
C 17	266.6	11.9	907	9	AL552677				
C 18	249.8	11.2	789	12	BG205056	RST24475			
C 19	236.4	10.6	876	13	BI906283				
C 20	235.2	10.5	884	12	BI182330				
C 21	220.8	9.9	952	14	BM917763				
C 22	216.8	9.7	745	12	BG204024				
C 23	214.6	9.6	1167	14	BQ053936				
C 24	212.8	9.5	452	9	A1851510				
C 25	197	8.8	672	10	BB638766	BB638766			
C 26	189	8.5	780	13	BI908127	BB629533			
C 27	188.4	8.4	568	12	BI193051	BB951933			
C 28	186.8	8.4	551	12	BP081124	BP044555			
C 29	181	8.1	863	13	BI661279	BI661279			
C 30	180.6	8.1	669	13	BT393893	BT393893			
C 31	179.4	8.0	533	12	BP193021	BP193021			
C 32	177.2	7.9	639	10	BB629533	BB629533			
C 33	175.2	7.8	723	14	BP081124	BP081124			
C 34	173.6	7.8	965	14	BP044555	BP044555			
C 35	172.2	7.7	934	12	BG60984	BG60984			
C 36	171	7.7	207	12	BG15432	PO2_0_300			
C 37	169.2	7.6	787	9	AU080004	AU080004			
C 38	164.4	7.4	3005	11	AK019478	AK019478			
C 39	163.8	7.3	936	12	BF119806	BF119806			
C 40	153.2	6.9	665	10	BB628567	BB628567			
C 41	151.8	6.8	662	10	BB64135	BB64135			
C 42	151.6	6.8	600	13	BP98229	BP98229			
C 43	151.6	6.8	646	10	BB615654	BB615654			
C 44	147.4	6.6	869	12	BF119225	BF119225			
C 45	147.2	6.6	867	13	BI106339	BI106339			
ALIGNMENTS									
RESULT 1	BI764263	LOCUS	603045953P1	NIH_MGC_116	807 bp	mRNA	EST 25-SEP-20-		
DEFINITION		mrna sequence.							
ACCESSION	BI764263	VERSION							
KEYWORDS	EST.	SOURCE							
ORGANISM	Homo sapiens	ORGANISM	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarhini; Hominidae; Homo.						
REFERENCE	1	COMMENT	Tissue Procurement: Life Technologies, Inc.						
AUTHORS	(bases 1 to 807)	JOURNAL	CDNA Library Preparation: Life Technologies, Inc.						
TITLE	NIH-MGC http://mgc.ncbi.nih.gov/.	COMMENT	CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LILNL)						
UNPUBLISHED (1999)	GI:15755841	COMMENT	DNA Sequencing by: Incyte Genomics, Inc.						
CONTACT: Robert Strausberg, Ph.D.		COMMENT	Clone distribution: MGCC clone distribution information can be found through the I.M.A.G.E. Consortium/LILNL at:						
Email: cgsphs@nih.gov		COMMENT	http://mgc.lilnl.org						
FEATURES		COMMENT	Plate: LLAM11465 row: i column: 13						
SOURCE		COMMENT	High quality sequence stop: 805.						
		COMMENT	Location/Qualifiers						
			1 .. 807						

Db	305	CCCTATGGTAAAGAATGGGAAAGGTGGAGAAGCTCCTGAAGTAAGCAAAAGACTTCCCT	326
Qy	1916	TTAGTCGAG -CCAGTCTAGAAGTTCTATGTCCTAGTGTTCAGTCATCGATGCA	1974
Db	325	TTAGTCGAGCCCCAGTTAGAAGTCTCTATGTCCTAGTGTGCCAGTGTTCAGTCATGCA	266
Qy	1975	ACCAAGAACACCTGGCTTCTAGAA -CCAGGCAACTCTGGGAACTAGACTCCAAAGCTGGA	2033
Db	265	ACCAAGAACACCTGGCTCTAGAACCCAGGCAACTAGACTCCAAAGCTGGA	206
Qy	2034	CTATGGCTCTACTTCAGGCCACATGGCTAAAGAAGGTTCAAGAAAGAATGGGGACAGA	2093
Db	205	CTATGGCTCTACTTCAGGCCACATGGCTAAAGAAGGTTCAAGAAAGAATGGGGACAGA	146
Qy	2094	GCAGAACCTTCACCTCATATAATTGCTATGAATCTATAATGTTAAGTGT	2153
Db	145	GCAGAACCTTCACCTCATATAATTGCTATGAATCTATAATGTTAAGTGT	86
Qy	2154	ATGGGATGAATGTAAATACTGGTTTAACAACTATGATTGGAAAATAATCAATGCT	2213
Db	85	ATGGGATGAATGTAAATACTGGTTTAACAACTATGATTGGAAAATAATCAATGCT	26
Qy	2214	ATAACTATGTGTATAAA	2231
Db	25	ATAACTATGTGTATAAA	8
RESULT	8		
BE656336	LOCUS	BB656336	487 bp mRNA
	DEFINITION	UI-M-BHO-aju-h-06-0-UI_r1	EST 06-SEP-2000
	UI-M-BHO-aju-h-06-0-UI_5'	mRNA sequence.	
	ACCESSION	BB656336	
	VERSION	BB656336.1	GI:9982249
	KEYWORDS		
	SOURCE	house mouse.	
	ORGANISM	Mus musculus	
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus .		
	REFERENCE	1 (bases 1 to 487)	
	AUTHORS	Bonaldo,M.F., Lennon,G. and Soares,M.B.	
	TITLE	Normalization and subtraction: two approaches to facilitate gene discovery	
	JOURNAL	Genome Res.	6 (9), 791-806 (1996)
	MEDLINE	97044477	
	COMMENT	Contact: Chin, H National Institute of Mental Health 6001 Executive Blvd. Room 7N-7190, MSC 9643, Bethesda, MD 20892-9643, USA Tel: 301 443 1706 Fax: 301 443 9810 Email: mestr@mail.nih.gov	
	FEATURES	Location/Qualifiers	
	source	1. 487 /organism="Mus musculus" /strain="C57BL/6J" /db_xref="taxon:10090" /clone="UI-M-BHO-aju-h-06-0-UI" /clone_id="NIH_BMAP_M_S1" /dev_stage="27-32 days" /lab_host="DH10B (Life Technologies)" /note="Vector: pRT-TD-Pac (Pharmacia) with a modified poly linker; Site_1: Not I; Site_2: Eco RI; The NIH_BMAP_M_S1 library is subtracted from library derived from a mixture of normalized libraries from ten regions of the mouse brain (cerebellum, brain stems, olfactory bulbs,	
	BASE COUNT	115 a	103 g
	ORIGIN		154 t
	Query Match	16.0%	
	Best Local Similarity	85.3%	
	Matches	399; Conservative	
	0; Mismatches	69;	
	Indels	0;	Gaps 0;
	Qy	110	TCGATTATGATTAAGCTACGGTCTCCCTGTCATAAAATTGACGCAATGGGCCAAC 169
	Db	19	TCCATTATGGTATGTCAGACCCGCAAATAATGTCAAACAAATTCGGCCTGAC 78
	Qy	170	TCTGCCCTCGCCTACTCGCTGTTATCTTGTTGTCGCAACATGCTGTGTC 229
	Db	79	TCTGCCCTCACCTCTACTCCCTGTTATTCATCTTGTGTTGTGGTAAATGATGTC 138
	Qy	230	TCTCTACCTTAAACCTGCAAAGCTGAATGCTGTTGACTGACATTACCTGCTCAACC 289
	Db	139	TCTCTACCTTGTAAAGCTGCAAAGCTGCTGCTGATGATCTACTGCTCAACC 198
	Qy	290	TGGCCATCTCTGATCTGTTCTTCTTAACTCTCCATTGTCATGTCGTC 349
	Db	199	TGGCCATCTGACCTGCTCTCTGTCACACTACCCCTGTCACATGCTACTATGTC 258
	Qy	350	ATGAGTGGGTTGGGAATATGCAATTATCACAGGGCTGTATCACATCGGTT 409
	Db	259	ATGAGTGGGTTGGGAATATGTAAGTATTGAGCTCATGCTCTGTCATGCT 318
	Qy	410	ATTTCGGGAAATCTCTCTCATCTCCCTCATCTCCCTGACAATGATAACCTGCTATGGTCACTGGTCC 469
	Db	319	ATTTCGGGAAATCTCTCTCATATCCCTGACAAATGATAACCTGCTATGGTCACTGGTCC 378
	Qy	470	ATGCTGTGGCTTAAACCGAGGTGACCTTGGGTGGTGTGACAAGTGTGATCA 529
	Db	379	ATGCTGTGGCTTAAACCGAGGTGACCTTGGGTGGTGTGACAAGTGTGATCA 438
	Qy	530	CCGGTTGGGCTGTGTTCTCTGTCGTCCTGTCCTGCCAGGAATCATCTTACTA 577
	Db	439	CTGGGGCTCTCTCTGCCAGGAATCATCTTACTA 486
	RESULT	9	
	H58245/c		
	LOCUS		
	DEFINITION	H58245	461 bp mRNA
	IMAGE	Y06f06.s1	linear EST 05-OCT-1995
	ACCESSION	Y06f06.s1	mRNA sequence.
	VERSION	H58245	
	KEYWORDS	GI:1011077	
	SOURCE	EST.	
	ORGANISM	Homo sapiens	
	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.		
	REFERENCE	1. (bases 1 to 461)	
	AUTHORS	Hillier,L., Clark,N., Dubuque,T., Elliston,K., Lennon,G., Le M., Ruffkin,L., Rohlfing,T., Soares,N., Tan,F., Williamson,A., Wohldmann,P. and Wilson,R.	
	TITLE	The WashU-Merck EST Project.	
	JOURNAL	Unpublished (1995)	
	COMMENT	Contact: Wilson RK Washington University School of Medicine 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108 Tel: 314 286 1800 Fax: 314 286 1810 Email: est@wustl.edu Insert Size: 1007 High quality sequence stops: 335 Source: IMAGE Consortium	

BASE COUNT	110 a	130 c	112 g	128 t
RESULT	13			
H58597				
LOCUS				
DEFINITION				
ACCESSION				
KEYWORDS				
SOURCE				
ORGANISM				
REFERENCE				
AUTHORS				
IMAGE:	204539	5'		
VERSION	H58597	1	GI:10111429	
TITLE				
JOURNAL				
COMMENT				
WASHU MERCK EST Project				
Contact: Wilson RK				
Washington University School of Medicine				
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108				
Tel: 314 286 1800				
Fax: 314 286 1810				
Email: est@wustl.edu				

Qy	280	CTGCTCAACCTGGCCATCCTGTGCTTTCATTTACTCTCCCATTGTTGGGCTCAC	339
Db	243	CTCTGTAACTCTGGCCATTCCTGACTCTGCCTTCATCTGCTTGGATGTC	302
Qy	340	TCTGGCTCAA---ATGAGTGGGTCTTTGGGAATGGAAATTACAGGGCTG	396
Db	303	TACAAGTTGAGGAAGACIAGGGTTTGGATGCCATGNTAAGATCCTCTGGTT	362
Qy	397	TATCACATCGTTTATTTGGGGAAATCTCTCTCATCATCCCTGACAATGATAGATA	456
Db	363	TATTACAGGCCTTGATACGGAGATCTTTCATCTCTGTCAGCATGAGGTAC	422
Qy	457	CTGGCTTATGTCATCTGTTGTTTAAAGCCAGGAGGTTACCTCTGGGGT	516
Db	423	CTGGCCATCTGCCAACGGGTTGCTGGGACGGTACCTTGGTTCATC	482
Qy	517	AACAGTGTGATCACCMGGTGTGGTGTGTTGCTGTTCTGTCAGGAATCATCTTACT	576
Db	483	ACCAGGATCATCATTTGGCCCTGGCCATCTGGCTTCAAGCCAGCTTAVACITFTCC	542
Qy	577	AAATGGCCAGAAAAGAATGGTGTATGTCCTGTTGCTGCCCCCTATTTC	624
Db	543	AAGACCCAAATGGGAAATTCACICACACACCCGGGTTTCACTCTCAGAAAGCTA	602
Qy	625	CGAGGAGGAAATTTCACACATATGAGGAACATTGGCTGCTGGCCCTG	684
Db	603	CGAGAGTGGAAACTGTTCTGGCTCTGAACTGAACCTCTGGCGNGTATG	662
Qy	685	CCTCATCTGGTCACTCTGGTACTCTGGGAAATCTGGTGTGGTGTGAAACAG	744
Db	663	TGGTCATGATCATCTGCTGTTGAGGGATTAATAGTTCTGAAACCTTCAGGA	722
Qy	745	AAGAAGGGCATGGCAGTGTGAGGTCACTCTCCACCATGATGTTACTCTCTTC	804
Db	723	ATCCAAAGTGTGTCCTTGTGTTGATGTCATGATCATCTTCTCTT	779
Qy	805	TGGACTCCCTATACATTTGTCATGTTGAGGATTAATAGTTCTGAAACCTTCAGGA	864
Db	780	TGGACCCCCCTACNNNNTGACTATTTCTGTTCCAAAGCTTCTGTTACCAT	839
Qy	865	AACTGTAAAGCACCGTCAACTGGACAAAGCCAGGTGAGAGAATCTCTTGG	920
Db	840	GACCTGGTACAGACAGAGATTTGGCTGCAAGTGGCTGAGGGAGTGTAC	895

Search completed: June 1, 2003, 20:03:35
Job time : 2826.92 secs

